

- 1 1. A method of decoding a selectively encrypted data stream, comprising:
2 receiving the selectively encrypted data stream from a first source;
3 receiving a set of clear packets from a second source, the set of clear
4 packets containing data representing an unencrypted version of the encrypted
5 packets present in the selectively data stream;
6 detecting a plurality of encrypted packets forming a part of the selectively
7 encrypted data stream; and
8 substituting the clear packets for the encrypted packets to form a clear data
9 stream.
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11 2. The method according to claim 1, wherein the detecting is carried out by
12 detecting a packet identifier.
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14 3. The method according to claim 1, wherein the detecting is carried out by
15 detecting an encryption flag.
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17 4. The method according to claim 1, wherein the substituting is carried out by:
18 filtering a set of packets from the selectively encrypted data stream based
19 upon packet identifier values to produce a stream of packets having clear packets
20 and encrypted packets; and
21 substituting the clear packets from the second source for the encrypted
22 packets into the stream of packets in place of the encrypted packets to produce a
23 stream of clear data.
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25 5. The method according to claim 1, further comprising deleting encrypted
26 packets from the selectively encrypted data stream.
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28 6. The apparatus according to claim 1, further comprising decoding the clear
29 data stream.
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1 7. The method according to claim 1, wherein the second source comprises a
2 computer file.

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4 8. The method according to claim 1, wherein the second source comprises a
5 stream of data received over a communication medium.

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7 9. A computer readable storage medium, storing instructions that when
8 executed on a programmed processor carry out a process according to claim 1.

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- 1 10. A method of generating a set of clear packets, comprising:
2 receiving a selectively encrypted stream of data;
3 detecting encrypted packets within the selectively encrypted stream of data;
4 creating the set of clear packets by decrypting the encrypted packets
5 detected within the selectively encrypted stream of data; and
6 storing the set of clear packets as a computer file separate from the
7 selectively encrypted stream of data.
8
9 11. The method according to claim 10, further comprising transmitting the set
10 of clear packets to decoder at a remote location.
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12 12. A computer readable storage medium, storing instructions that when
13 executed on a programmed processor carry out a process according to claim 10.
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- 1 13. A method of generating a set of clear packets, comprising:
2 receiving a selectively encrypted stream of data;
3 detecting encrypted packets within the selectively encrypted stream of data;
4 creating the set of clear packets by decrypting the encrypted packets
5 detected within the selectively encrypted stream of data; and
6 transmitting the set of clear packets to decoder at a remote location.
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8 14. A computer readable storage medium, storing instructions that when
9 executed on a programmed processor carry out a process according to claim 10.
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- 1 15. A method of facilitating decoding of a selectively encrypted data stream,
2 comprising:
3 creating a set of clear packets corresponding to a set of encrypted packets
4 present in the selectively encrypted data stream; and
5 providing the set of clear packets to a decoder for substitution in place of the
6 set of encrypted packets present in the selectively encrypted data stream.
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9 16. The method according to claim 15, wherein the providing further comprises
10 storing the set of clear packets as a computer file.
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12 17. The method according to claim 15, wherein the providing further comprises
13 transmitting the set of clear packets to a decoding device situated at a remote
14 location.
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16 18. A computer readable storage medium, storing instructions that when
17 executed on a programmed processor carry out a process according to claim 15.
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1 19. An apparatus for manipulating a selectively encrypted data stream,
2 comprising:

3 a filter that selects a set of packets from the selectively encrypted data
4 stream based upon packet identifier values to produce a stream of packets having
5 clear packets and encrypted packets;

6 a packet substituter that inserts a clear version of the encrypted packets into
7 the stream of packets in place of the encrypted packets to produce a stream of
8 clear data without decrypting the encrypted packets.

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10 20. The apparatus according to claim 19, wherein the packet substituter
11 comprises:

12 a packet inserter that inserts the clear version of the encrypted packets into
13 the stream of packets;

14 an encrypted packet detector that detects encrypted packets in the stream
15 of packets; and

16 an encrypted packet deleter that deletes the encrypted packets from the
17 stream of packets to produce the stream of clear data.

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19 21. The apparatus according to claim 20, wherein the encrypted packet detector
20 detects encrypted packets by an encryption flag.

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22 22. The apparatus according to claim 20, wherein the encrypted packet detector
23 detects the encrypted packets by location in the data stream.

24
25 23. The apparatus according to claim 20, wherein the encrypted packet detector
26 detects the encrypted packets by packet identifier.

27
28 24. The apparatus according to claim 19, wherein the packet substituter
29 determines which encrypted packets are to be substituted by detecting encrypted
30 packets by an encryption flag.

1 25. The apparatus according to claim 19, wherein the packet substituter
2 determines which encrypted packets are to be substituted by detecting the
3 encrypted packets by location in the data stream.

4
5 26. The apparatus according to claim 20, wherein the packet substituter
6 determines which encrypted packets are to be substituted by detecting the
7 encrypted packets by packet identifier.

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9 27. The apparatus according to claim 19, further comprising a decoder that
10 decodes the stream of clear packets in the data stream.

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1 28. An apparatus for supplying decrypted packets for substitution in place of
2 encrypted packets in a selectively encrypted data stream, comprising:
3 an encrypted packet detector that detects a set of encrypted packets in the
4 selectively encrypted data stream and discards packets in the data stream that are
5 not encrypted;
6 a decrypter that decrypts the set of encrypted packets in the selectively
7 encrypted data stream to produce a set of decrypted clear packets, wherein the
8 decrypted clear packets can be substituted for the encrypted packets in the
9 selectively encrypted data stream; and
10 a storage device that stores the set of decrypted clear packets as a
11 computer file.

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13 29. The apparatus according to claim 28 wherein the storage medium
14 comprises one of an optical disc storage device, a magnetic storage device and a
15 semiconductor storage device.

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1 30. An apparatus for supplying decrypted packets for substitution in place of
2 encrypted packets in a selectively encrypted data stream, comprising:
3 an encrypted packet detector that detects a set of encrypted packets in the
4 selectively encrypted data stream and discards packets in the data stream that are
5 not encrypted;
6 a decrypter that decrypts the set of encrypted packets in the selectively
7 encrypted data stream to produce a set of decrypted clear packets, wherein the
8 decrypted clear packets can be substituted for the encrypted packets in the
9 selectively encrypted data stream; and
10 a transmitter device that transmits the decrypted clear packets to a remote
11 location for use in decoding the selectively encrypted data stream.
12
13 31. The apparatus according to claim 30, wherein the transmitter device
14 comprises a modem.
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1 32. A data signal for use in decoding a selectively encrypted data stream, the
2 data signal comprising a collection of unencrypted data packets corresponding to
3 a set of encrypted data packets, the encrypted data packets forming one set of
4 selectively encrypted packets that represent an encrypted part of the selectively
5 encrypted data stream.

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7 33. The data signal according to claim 32, transmitted over an electronic
8 communication medium.

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10 34. The data signal according to claim 32, stored in a computer readable
11 storage device.

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13 35. The data signal according to claim 32 wherein the storage medium
14 comprises one of an optical disc storage device, a magnetic storage device and a
15 semiconductor storage device.

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1 36. A data signal, comprising a selectively encrypted data stream in which a set
2 of encrypted packets have been removed and replaced by a set of decrypted
3 packets, wherein the decrypted packets are obtained from a separate source.
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5 37. The data signal according to claim 36, transmitted over a communication
6 medium.
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8 38. The data signal according to claim 36, stored in a computer readable
9 storage device.
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11 39. The apparatus according to claim 36 wherein the storage medium
12 comprises one of an optical disc storage device, a magnetic storage device and a
13 semiconductor storage device.
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1 40. A method for decoding selectively encrypted content, comprising:
2 generating a set of decrypted data packets corresponding to a set of
3 encrypted data packets appearing in the selectively encrypted content by decryption
4 of the set of encrypted data packets;
5 obtaining a fee from a purchaser; and
6 delivering the set of unencrypted data packets to the purchaser.
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8 41. The method according to claim 40, wherein the delivering is carried out by
9 transmitting the set of decrypted packets over a communication medium.
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11 42. The method according to claim 40, wherein the delivering is carried out by
12 storing the set of decrypted packets in a computer readable storage device and
13 delivering the computer readable storage device to the purchaser.
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